

ABSTRACT OF THE DISCLOSURE

A process including:

- (a) solution depositing a composition composed of a liquid and a plurality of metal nanoparticles with a stabilizer on a substrate to result in a deposited composition; and
- (b) heating the deposited composition to cause the metal nanoparticles to form an electrically conductive layer of an electronic device, wherein one or more of the liquid, the stabilizer, and a decomposed stabilizer is optionally part of the electrically conductive layer but if present is in a residual amount.